JAN. 11. 2006 11:50AM

TTC-PA 650-326-2422

NO. 3267 P. 1

Atty Docket No. 021801-001110US

PTO FAX NO.: (571) 273-8300

ATTENTION:

Examiner LEE, CALVIN

Group Art Unit 2818

# OFFICIAL COMMUNICATION

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### FOR THE PERSONAL ATTENTION OF

### EXAMINER LEE, CALVIN

### CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of KYU HYUN CHOI, Application No. 10/820,189, filed April 6, 2004 for METHOD OF MANUFACTURING NON-VOLATILE DRAM are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

#### Documents Attached

1) Transmittal Form (1 p);

2) Fee Transmittal (1 p in duplicate); and

3) Supplemental Information Disclosure Statement (w/o references) (3 pp).

Number of pages being transmitted, including this page: 7

Dated: January 11, 2006

Diane Hawley

PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (650) 326-2422

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, CA 94111-3834 Telephone: (650) 326-2400

Fax: (650) 326-2422.

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NO. 3267 P. 2

		Application Number	10	/820,189	
TR	ANSMITTAL	Filing Date	Ap	ril 6, 2004	D7-0
	FORM	First Named Inventor			MECEIVE
	• =	Art Unit		18	NTRAL FAX CE
	u	Examiner Name	LE	E, CALVIN	JAN 1.1.20
	all correspondence after initial filin	Attorney Docket Numb		1801-001110US	
Total Number of	Pages in This Submission				
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Fee Trans	imittal Form	Drawing(a)		After Allowance Com	munication to TC
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NO. 3267 P. 3

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Effective on 12/08/2004.			Complet	e if Known		$\supset$
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<b>FEE TRANSMIT</b>	TAL	Filing Date	April 6,	2004		ار چود
For FY 2005		First Named In	rentor Choi, K	/u Hyun	TEUTONIA 1 HOTHA	ZIV.
		Examiner Name	LEE, CA	LVIN		AX
Applicant claims small entity status. See 37 C	;FR 1.27	Art Unil	2818		JAN-	
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Design 200 100	100	0 50	130	65 _		
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Iame (Print/Type) Ardeshir Tabibi				Date Janua	ary 11, 2006	
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TTC-PA 650-326-2422

NO. 3267

P. 4

				PTO/SB/17 (12-04)
Effective on 12/08	V2004.		Complete if Known	
Fees pursuant to the Consolidated Approp		Application Number	10/820,189	
FEE TRANS	IVII I TAL	Filing Date	April 6, 2004	
For FY 2	2005	First Named Inventor	Choi, Kyu Hyun	BECEIVE
Applicant claims smell entily statu	See 37 CFR 1.27	Examiner Name	LEE, CALVIN	CENTRAL FAX CIT
		Art Unit	2818	JANTIZ
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1. BASIC FILING, SEARCH, AN	D EXAMINATION FEES			
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		(\$) Fee (\$)	Fee (\$) Fee (\$)	Fees Paid (\$)
Utility 300	150 50	0 250	200 100	
Design 200	100 10	0 50	130 65	
Plant 200	100 30	0 150	160 80	
Reissue 300	150 50	0 250	600 300	
Provisional 200	100	0 0	0 0	
2. EXCESS CLAIM FEES  Fee Description Each claim over 20 or, for Reissu Each independent claim over 3 o Multiple dependent claims  Total Claims Extra Cl	r, for Reissues, each inde	pendent claim more t	riginal patent han in the original pate Multiple Dependent Clain	360 180 J
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4. OTHER FEE(S) Non-English Specification,	\$130 fee (no small cnt	ity discount)		Fees Pald (\$)
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SUBMITTED BY	1110			
Signature	7//	Registration No. (Attorney/Agent) 48,	750 Telephone	650-326-2400
Name (Print/Type) Ardeshir Tabit			Date Jan	uary 11, 2006

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TTC-PA 650-326-2422

NO. 3267 P. 5

PATENT

Attorney Docket No.: 021801-001110US

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Examiner: LEE, CALVIN

KYU HYUN CHOI

Art Unit: 2818

Application No.: 10/820,189

Filed: April 6, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

rned. April 0, 2004

UNDER 37 CFR §1.97 and §1.98

For: METHOD OF MANUFACTURING

NON-VOLATILE DRAM

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are not enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of

Allowance.

Applicants authorize payment of the IDS fee in accordance with the enclosed Fee

Transmittal.

Respectfully submitted,

Ardeshir Tabibi Reg. No. 48,750

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

AT:rIj 60646093 v1 JAN. 11. 2006 11:51AM

TTC-PA 650-326-2422

NO. 3267 P. 6

PTO/\$8/0RA&B (08-03)

Substitute	for form 1449A	AB/PTO			Complete if Known
			Application Number	10/820,189	
INFORMATION DISCLOSURE		Filing Date	April 6, 2004		
STAT	EMENT	BY A	PPLICANT	First Named Inventor KYU HYUN CHOI	
				Art Unit	2818
(	use as many	sheets as	necessary)	Examiner Name	Lee, Calvin
Sheet	11	of	2	Attorney Docket Number	021801-001110US

			U.S. PATENT DO	DCUMENTS+	
Examiner	Cite No.1	Document Number  Number Kind Code <sup>2</sup> (# known)	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columna, Unes, Where Relevant Passages or Relevant Figures Appear
initiats"		US 4.070.655	1/24/1978	Schumeyer, et al.	Pigures Appear
	1_1_	US 4,128,773	12/5/1978	Troutman et al	
	2_	US 4,132,804	1/2/1979	Harari	
	3	US 4,193,128	3/11/1980	Brewer	
	4_		6/2/1981	Craycraft et al.	
	5	US 4,271,487 US 4,462,090	7/24/1984	lizuka	····
	6		9/24/1991	Maly et al.	
	7	US 5,051,951	11/12/1991	Herdt et al.	
	8	US 5,065,362	3/7/1995	Fukumoto	
	9	US 5,396,461	4/8/1997	Fukumoto	
	10	US 5,619,470	7/8/1997	Matsuo et al.	· · · · · · · · · · · · · · · · · · ·
	11	US 5,646,885		Wang et al.	
	12	US 5,703,388	12/30/1997	Lin et al.	<del></del>
	13	US 5,851,881	12/22/1998	Choi	
	14	US 5,946,566	8/31/1999	Ling et al.	
	15	US 5,966,601	10/12/1999	Chang et al.	
	16	US 5,969,383	10/19/1999	Ratnakumar et al.	
	17	US 5,986,932	11/16/1999		
	18	US 6,091,634	7/18/2000	- Wong Bergemont	
	19	US 6,118,157	9/12/2000		
	20	US 6,175,268	1/16/2001	Merrill	· · · · · · · · · · · · · · · · · · ·
	21	US 6,222,765	4/24/2001	Nojima	·
	22	US 6,266,272	7/24/2001	Kirihata et al.	······································
	23	US 6,285, <u>575</u>	9/4/2001	Miwa	
	24	US 6,363,011	3/26/2002	Hirose et al.	
	25	US 6,370,058	4/9/2002	Fukumoto	
	26	US 6,414,873	7/2/2002	Herdt	
	27	US 6,426,894	7/30/2002	Hirano	
	28	US 6,451,643	9/17/2002	Komori et al.	
	29	US 6,514,819	2/4/2003	Chol	
	30	US 6,532,169	3/11/2003	Mann et al.	
	31	US 6,556,487	4/29/2003	Ratnakumar et al.	
	32	US 6,573,130	6/3/2003	Patelmo et al.	
	33	US 6,624,015	9/23/2003	Patelmo et al.	· · · · · · · · · · · · · · · · · · ·
	34	US 6,654,273	11/25/2003	Miwa	
	35	US 6,699,753	3/2/2004	Ma et al.	
	36	US 6,798,008 B2	9/28/2004	Choi	
	37	US 6,838,343	1/4/2005	Hung et al.	
	38	US 2002-0146886	10/10/2002	Chern, Geeng-Chuan	
	39	US 2003-0052361	3/20/2003	Liu et al.	

Examiner Dat Signature Cor	ate onsidered
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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is ettached.

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NO. 3267

PTO/SB/08A&B (08-03)

Substitute	Substitute for form 1449A&B/PTO			Complete if Known			
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/820,189		
				Filing Date	April 6, 2004		
STAT				First Named Inventor	KYU HYUN CHOI		
				Art Unit	2818		
(use as many sheets as necessary)			necessary)	Examiner Name	Lee, Calvin		
Sheet	2	of	2	Attorney Docket Number	021801-001110US		

U.S. PATENT DOCUMENTS+						
		Document Number		Name of Patentee or	Pages, Columns, Lines, Where	
Examiner Initials*	Cite No.	Number Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passeges or Relevant Figures Appoar	

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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Examiner Signature	Date Considered	

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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.